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*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*L24 644048.pn.5 L24*DB=USPT; PLUR=YES; OP=ADJ*L23 l1 and printing couple near10 motor10 L23L22 l1 and couple near10 motor near5 (different or separate)4 L22L21 l1 and couple near10 motor100 L21L20 l1 and house color4 L20L19 l1 and offline same "same" color0 L19L18 l1 and interrupt\$ same "same" color4 L18L17 l1 and spot color42 L17L16 l14 and l31 L16L15 l14 and l20 L15L14 ('5778779')[PN]1 L14L13 l1 and unit same "same" color37 L13L12 l1 and alternat\$ near15 "same" color1 L12L11 l1 and alternat\$ near10 "same" color1 L11L10 l1 and alternat\$ near5 "same" color2 L10L9 l1 and unit near10 "same" color6 L9L8 l1 and unit near5 "same" color4 L8L7 l1 and (fifth or additional) near3 unit near7 "same" color1 L7L6 l1 and unit near5 (different near2 color)150 L6L5 l4 and l32 L5L4 ('6145435'| '5778779')[PN]2 L4L3 L1 and (fifth or spot) near5 unit69 L3L2 L1 and fifth unit3 L2L1 ((101/\$)!.CCLS.)49460 L1

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File: USPT

Jul 14, 1998

DOCUMENT-IDENTIFIER: US 5778779 A

TITLE: Printing unit and register mechanism for mounting a printing sleeve

US Patent No. (1):5778779Detailed Description Text (2):

FIG. 1 shows a satellite printing unit 1 which is may be used, for example, in web fed rotary printing presses for printing newspapers. It comprises a central impression cylinder 2 located in the middle of the unit 1 and four blanket cylinders 4 in rolling engagement with the central impression cylinder 2. Four print cylinders 6 are disposed in rolling engagement with respective blanket cylinders 4. Each print cylinder is also in rolling engagement with a respective ink station 8 having ink rollers 9. The ratio of the circumference of the central impression cylinder to the blanket cylinders may be 2:1, 4:1, or any integer number. Although FIG. 1 shows only one ink station 8, it should be understood that there is a respective ink station 8 for each print cylinder 6. Each ink station 8 applies a different color to its associated print cylinder 6 so that, in the illustrated printing unit 1, four different colors, e.g. black, magenta, cyan, and yellow, can be printed on the web 12. Naturally, the printing unit 1 could alternatively be configured to print a fifth color, e.g. gold or some other specialty color, by providing an additional print cylinder 6, blanket cylinder 4, and inking station 8 disposed on the impression cylinder 2.

Current US Original Classification (1):101/216Current US Cross Reference Classification (1):101/248Current US Cross Reference Classification (2):101/375Current US Cross Reference Classification (3):101/486Current US Cross Reference Classification (4):101/DIG.36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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